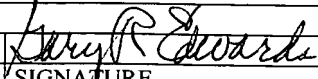


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|---|-------------------------------------|--|---|--|--|
| FORM PTO-1390 (REV 5-93) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 2101/50770 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/GB01/00038 | | INTERNATIONAL FILING DATE 5 January 2001 (05.01.01) | | PRIORITY DATE CLAIMED 11 January 2000 (11.01.00) | |
| TITLE OF INVENTION: IMPROVEMENTS RELATING TO INTERFACING OPTICAL TRANSMISSION STRUCTURES | | | | | |
| APPLICANT(S) FOR DO/EO/US: Nigel Bruce ALDRIDGE; Geoffrey Martland PROUDLEY; Peter David FOOTE; Ian James READ | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| 1. | <input checked="" type="checkbox"/> | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 2. | <input type="checkbox"/> | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 | | | |
| 3. | <input type="checkbox"/> | This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay Examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). | | | |
| 4. | <input type="checkbox"/> | A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. | | | |
| 5. | <input checked="" type="checkbox"/> | A copy of the International Application as filed (35 U.S.C. 371(c)(2)). | | | |
| | a. | <input checked="" type="checkbox"/> | is transmitted herewith (required only if not transmitted by the International Bureau). | | |
| | b. | <input type="checkbox"/> | has been transmitted by the International Bureau | | |
| | c. | <input type="checkbox"/> | is not required, as the application was filed in the United States Receiving Office (RO/US) | | |
| 6. | <input type="checkbox"/> | A translation of the International Application into English (35 U.S.C. 371(c)(2)). | | | |
| 7. | <input type="checkbox"/> | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | |
| | a. | <input type="checkbox"/> | are transmitted herewith (required only if not transmitted by the International Bureau). | | |
| | b. | <input type="checkbox"/> | have been transmitted by the International Bureau. | | |
| | c. | <input type="checkbox"/> | have not been made; however, the time limit for making such amendments has NOT expired. | | |
| | d. | <input type="checkbox"/> | have not been made and will not be made. | | |
| 8. | <input type="checkbox"/> | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | |
| 9. | <input checked="" type="checkbox"/> | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (Executed - 3 pages) | | | |
| 10. | <input type="checkbox"/> | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| Item 11. to 16. below concern other document(s) or information included: | | | | | |
| 11. | <input checked="" type="checkbox"/> | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 12. | <input checked="" type="checkbox"/> | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | |
| 13. | <input checked="" type="checkbox"/> | A FIRST preliminary amendment. | | | |
| | <input type="checkbox"/> | A SECOND or SUBSEQUENT preliminary amendment. | | | |
| 14. | <input type="checkbox"/> | A substitute specification and marked-up copy thereof. | | | |
| 15. | <input type="checkbox"/> | A change of power of attorney and/or address letter. | | | |
| 16. | <input checked="" type="checkbox"/> | Other items or information: | | | |
| | a. | Application Data Sheet | | | |
| | b. | Six (6) sheets of formal drawings showing Figures 1a. - 6b. | | | |
| | c. | First page of published International Application (WO 01/51974 A1) | | | |

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|--|--------------|-------------------------------|------------|---|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/088227 | | PCT/GB01/00038 | | 2101/50770 | |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: | | | | | |
| Basic National Fee (37 CFR 1.492(a)(1)-(5)): | | | | CALCULATIONS | PTO USE ONLY |
| Search Report has been prepared by the EPO or JPO | | | | \$ 890.00 | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) | | | | \$ 690.00 | |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) | | | | \$ 740.00 | |
| Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO | | | | \$ 1000.00 | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) | | | | \$ 100.00 | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ 890.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | 65 - 20 = | 45 | X \$18.00 | \$ 792.00 | |
| Independent Claims | 2 - 3 = | 0 | X \$84.00 | \$ | |
| Multiple dependent claims(s) (if applicable) | | | + \$280.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$792.00 | |
| Applicant claims Small Entity Status (See 37 CFR §1.27) <input type="checkbox"/> yes <input type="checkbox"/> no. Reduction by 1/2 for filing by small entity, if applicable. | | | | \$ | |
| SUBTOTAL = | | | | \$1,682.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$1,682.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28,3.31). \$40.00 per property + | | | | \$ 40.00 | |
| TOTAL FEE ENCLOSED = | | | | \$1,722.00 | |
| | | | | Amount to be: refunded | \$ |
| | | | | Charged | \$ |
| a. <input checked="" type="checkbox"/> Three checks in the amount of \$ 890.00 for the filing fee, \$ 792.00 for additional claims fee and \$40.00 for the assignment recording fee are enclosed | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any over-payment to Deposit Account No. 05-1323. (Attorney Dkt No. 2101/50770.) A duplicate copy of this sheet is enclosed. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | |  | |
| Crowell & Moring, LLP | | | | SIGNATURE | |
| Intellectual Property Group | | | | Gary R. Edwards | |
| P.O. Box 14300 | | | | NAME | |
| Washington, D.C. 20044-4300 | | | | 31,824 | |
| Tel. No. (202) 624-2500 | | | | REGISTRATION NUMBER | |
| Fax No. (202) 628-8844 | | | | 19 MARCH 2002 | |
| GRE:kms | | | | DATE | |